

PROCESS OF GENERATING HIGH HYDROPHILICITY FOR ARTIFICIAL FIBER FABRIC

ABSTRACT OF THE DISCLOSURE

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A process for generating high hydrophilicity for artificial fiber fabric includes the steps of putting an artificial-fiber fabric to be processed in a closed tank; supplying a gas from a gas source supplying device into the closed tank; actuating a plasma exciter to ionize the gas supplied into the closed tank and thereby produce plasma; and modifying surface of the artificial fiber fabric in the closed tank with the produced plasma. The processed artificial fiber fabric shows high moisture absorption and allows rapid natural evaporation of the absorbed moisture.

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